



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 2	Application Number	09/954,646
	Filing Date	September 18, 2001
	First Named Inventor	Seth A. Foerster
	Group Art Unit	3764
	Examiner Name	
	Attorney Docket Number	END-777

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
pso		6,071,301		Cragg et al.	06/06/2000	ALL
		6,174,330 B1		Stinson	01/16/2001	ALL
		6,183,497B1		Sing et al.	02/06/2001	ALL
		6,214,045B1		Corbitt, Jr. et al.	04/10/2001	ALL
		5,487,392		Haaga	01/30/1996	ALL
		5,626,611		Liu et al.	05/06/1997	ALL
		5,676,146		Scarborough	10/14/1997	ALL
		B1 5,676,146		Scarborough	04/18/2000	All

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵				
pso		WO	00/78228A1		CHIN SING et al.	28-12- 2000	ALL	
		WO	98/10712		SCARBOROUGH, Nelson, L.;	19 -03- 1998	ALL	
		WO	95/13746		HAGGA, John B.	26 -05- 1995	ALL	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
pso		PARKER and KLAUS; From the RSNA Refresher Courses: Performing a Breast Biopsy With Directional, Vacuum-assisted Biopsy Instrument; Radiographics Vol 17/5, 1997, pp 1233-1252	
		LEONARD et al.; USE OF ULTRASOUND TO GUIDE RADIATION BOOST PLANNING FOLLOWING LUMPECTOMY FOR CARCINOMA OF THE BREAST; Int. Journal Radiation Oncology, Vol 27, 1993, pp 1193-1197	
		THOMSON et al.; Stereotactic Brain Biopsy Using a Narrow Aperture Computed Tomography Scanner; Clinical Radiology, vol 35, 1984, pp 209-214.	
		SEOUDI et al; Stereotactic Core Needle Biopsy of Nonpalpable Breast Lesions- Initial Experience With a Promising Technique; Arch. Surgery; Vol. 133, April 1998; pp 366-372	
		HOFMANN et al.; Biodegradable Implants in Orthopaedic Surgery - A Review on the State-of-the-Art; Clinical Materials; Vol 10, 1992; pp 75-80	
		PARKER and BURBANK; A Practical Approach to Minimally Invasive Breast Biopsy; Radiology, vol 200, 1996, pp 11-20.	
		Letters; Letters to the American Journal of Radiology; AJR vol. 164, January 1995, pp 260-261	
Examiner Signature		<i>Seth A. Foerster</i>	Date Considered
			8-22-03

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pso		4,197,846		Bucalo	04/15/80	ALL
		4,247,406		Widder et al.	01/27/81	ALL
		4,718,897		Elves	01-12-1988	ALL
		4,787,391		Eleftreriades	11-29-1988	ALL
		5,108,421		Fowler	04-28-1992	ALL
		5,122,147		Sewell	06-16-1992	ALL
		5,201,314		Bosley et al.	04-13-1993	ALL
		5,718,237		Haaga	02-17-1998	ALL
		5,873,904		Ragheb et al.	02-23-1999	ALL
		5,879,357		Heaton et al.	03-09-1999	ALL
		6,161,034		Burbank et al.	12-12-2000	ALL
		6,270,464		Fulton et al.	08-07-2001	ALL
		6,347,241		Burbank et al.	02-12-2002	ALL
		6,356,782		Sirimanne et al.	03-12-2002	ALL
	2001/0023322	A1	Esposito et al.	09-20-2001	ALL	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	KindCode ⁵				
pso		WO	00/24320	A1	Esposito et al.	05-04-2000	ALL	
		JP	9-66063	A	Koken Co., LTD (Translation)	03-11-1997	ALL	

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Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
pso		LEE and KNOCHER; Technical Developments and Instrumentation: Air as an Ultrasound Contrast Marker for Accurate Determination of Needle Placement; Radiology 143; June 1982; pp 787-788	
		SULLIVAN; Perspective: Needle Core Biopsy of Mammographic Lesions; AJR vol 162, March 1994 (received 9/20/1993) pp 601-608.	
		YANDOW and MATALLANA; Gas Contrast Guided Needle Biopsy of the Head of the Pancreas; Radiology vol. 137, November 1980; pp 543 - 544.	
		LEE et al.; Air as a Contrast Marker for Ultrasound-Guided Fetal Transfusions; Radiology, vol 138, Feb. 1981, pp 490-491.	
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rice		4,086,914		Moore, Edwin Bailey	05/78	ALL
		4,402,308		Scott, Walter P.	09/83	ALL
		4,709,703		Lazarow et al.	12/87	ALL
		4,871,094		Fujioka et al.	12/87	ALL
		5,358,474		Kaldany, Antoine	10/94	ALL
		5,487,392		Haaga, John R.	01/96	ALL
		5,526,822		Burbank et al.	06/96	ALL
		5,538,010		Darr et al.	07/96	ALL
		5,562,613		Kaidany, Antoine	10/96	ALL
		5,649,547		Ritchart et al.	07/97	ALL
		6,056,700		Burney et al.	03/99	ALL
		5,002,548		Campbell et al.	03/26/91	ALL
		5,242,457		Alcopov et al.	09/93	ALL
		5,413,584		Schulze	05/95	ALL
		5,496,314		Eggers	03/96	ALL
		5,681,262		Isse	10/97	ALL
Y		6,228,055	B1	Foerster et al.	05/08/01	ALL

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rice		S.S. Kramer et al; "Permanent Radiopaque Marker Technique for the Study of Pharyngeal Swallowing in Dogs"; Dysphagia vol., pp. 163-167 (1987).			
		Homer et al; "The Geopgraphic Cluster of Microcalcifications of the Breast" Surgery, Gynecology & Obstetrics, DCC. (1985).			
		Finan et al; :Inretestinal Radiotherapy for Early Stage Vaginal Cancer"; <i>The Journal of Reproductive Medicine</i> , Vol. 38, No. 3 Mar. 1993			

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BSO		6,234,177		Brasch, Thomas	05/01	ALL
		6,258,070		Kaldany, Antoine	07/01	ALL
		6,350,244		Fisher, John S.	02/02	ALL
		4,900,304		Fujioka et al	02/90	ALL
		5,879,357		Heaton et al.	03/99	ALL
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Examiner
Signature*Samuel S. Miller*Date
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